

ABSTRACT

A mobile station apparatus is provided that performs receive processing efficiently and reduces unnecessary power consumption. In this mobile station apparatus, a 5 signaling detector (71) detects a compressed mode gap period in an uplink channel, that is, a period in which no uplink signal is transmitted to a base station, and reports this period to a controller (72). If the period detected in the signaling detector (71) contains 10 transmission timing of an ACK/NACK signal, the controller (72) controls an HS-PDSCH receive processor (40) to stop the receive processing of the packet data corresponding to the ACK/NACK signal.

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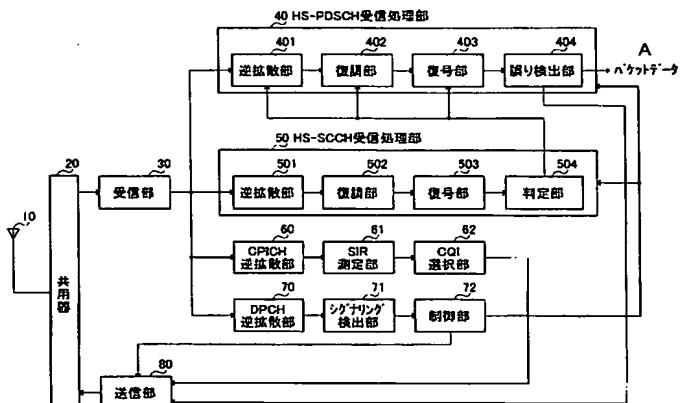
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(54)Title: MOBILE STATION APPARATUS AND RECEIVING METHOD

(54)発明の名称: 移動局装置および受信方法



40...HS-PDSCH RECEPTION PROCESSING PART

401...DESPREADING PART

402...DEMODULATING PART

403...DECODING PART

404...ERROR DETECTING PART

A...PACKET DATA

50...HS-SCCH RECEPTION PROCESSING PART

20...DUPLEXER

30...RECEPTION PART

501...DESPREADING PART

502...DEMODULATING PART

503...DECODING PART

504...DECIDING PART

60...CPICH DESPREADING PART

61...SIR DETERMINING PART

62...CQI SELECTING PART

70...DPCH DESPREADING PART

71...SIGNALING DETECTING PART

72...CONTROL PART

80...TRANSMISSION PART

(57) Abstract: A mobile station apparatus capable of performing an efficient reception processing to suppress unnecessary power consumption. In this mobile station apparatus, a signaling detecting part (71) detects, from a signaling included in a DPCH as despread, a cap zone of a upstream compressed mode, that is, a zone in which no upstream signal is transmitted to any base stations, and notifies a control part (72) of the zone. If the transmission timings of ACK/NACK signals are included in the zone detected by the signaling detecting part (71), then the control part (72) causes an HS-PDSCH reception processing part (40) to stop the reception processings of the data packets corresponding to the ACK/NACK signals.

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